



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Friday, September 1, 2017

Issued: 0800 CT

**Day 1 Hazards:** Major/Record flooding continues across SE TX/SW LA.

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



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682-703-3747**

# Key Points



## Today

- Major river flooding continues across parts of SE TX/SW LA
- Recovery efforts underway for Hurricane Harvey

## Saturday - Sunday

- Major river flooding continues across parts of SE TX/SW LA
- Recovery efforts continue for Hurricane Harvey

## Monday – Tuesday

- Showers/thunderstorms possible along the TX coast into S LA
- Major river flooding continues across parts of SE TX/SW LA
- Recovery efforts continue for Hurricane Harvey

## Tropical Weather Outlook

- Hurricane Irma has formed in the Tropical Atlantic and will be monitored closely for any impacts to FEMA Region 6
- A second wave moving off the coast of Africa has a medium chance of developing in the Tropical Atlantic in the next 5 day.

# FEMA Region 6 Threat Matrix

Sep 1, 2017 - Sep 5, 2017

	FRI	SAT	SUN	MON	TUE
Severe Weather					
Heavy Rain / Flash Flooding					
Heat					
River Flooding	SE TX/SW LA	SE TX/SW LA	SE TX / SW LA	SE TX	SE TX
Tropical Weather					

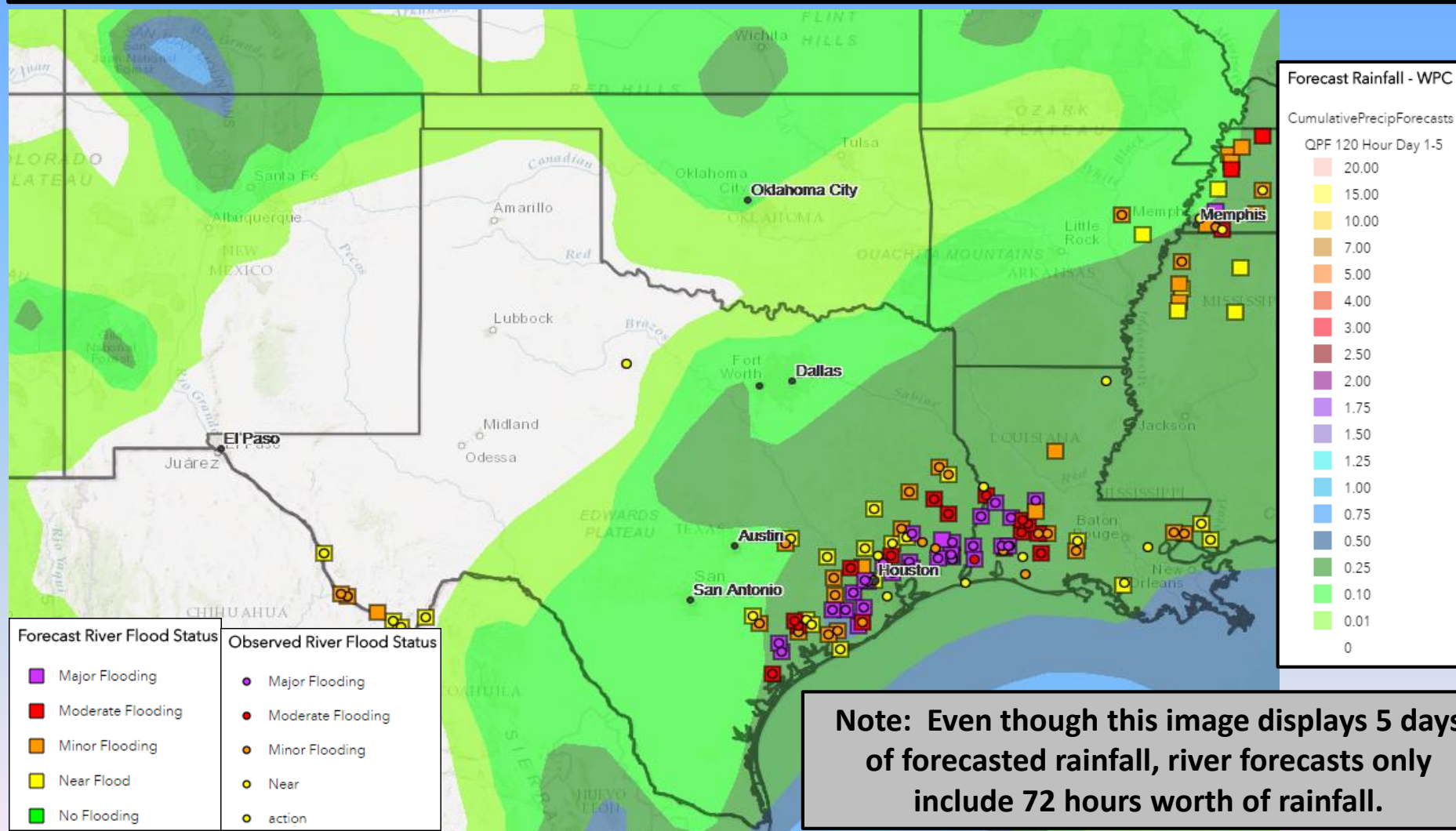
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 5-Day Precipitation Forecast & River Flood Status

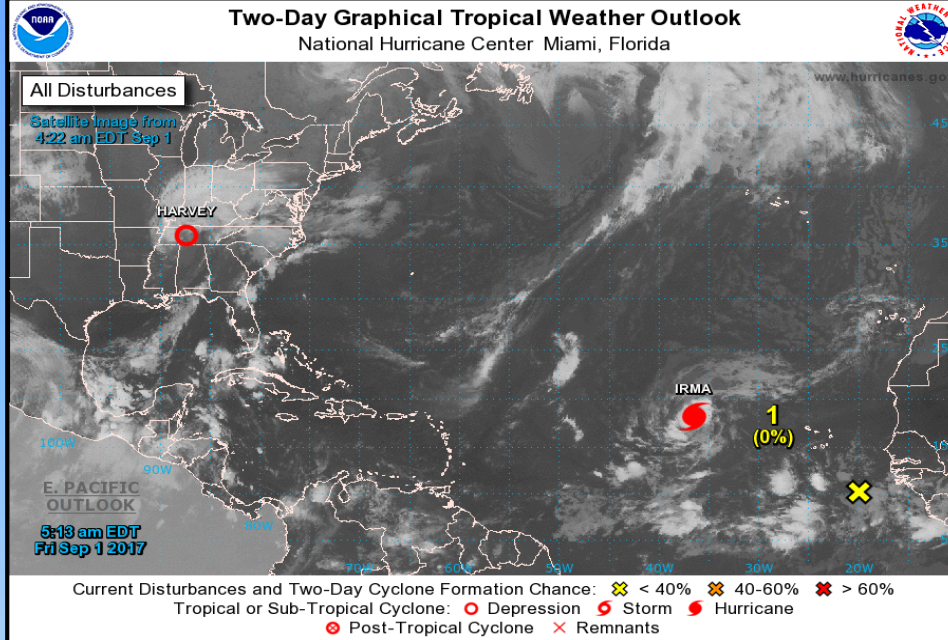
- Extremely heavy rain that fell over SE TX into SW LA from Harvey will lead to continued major (some record) river flooding.



For the latest on river flooding: <http://water.weather.gov/ahps>



# Tropical Weather Outlook

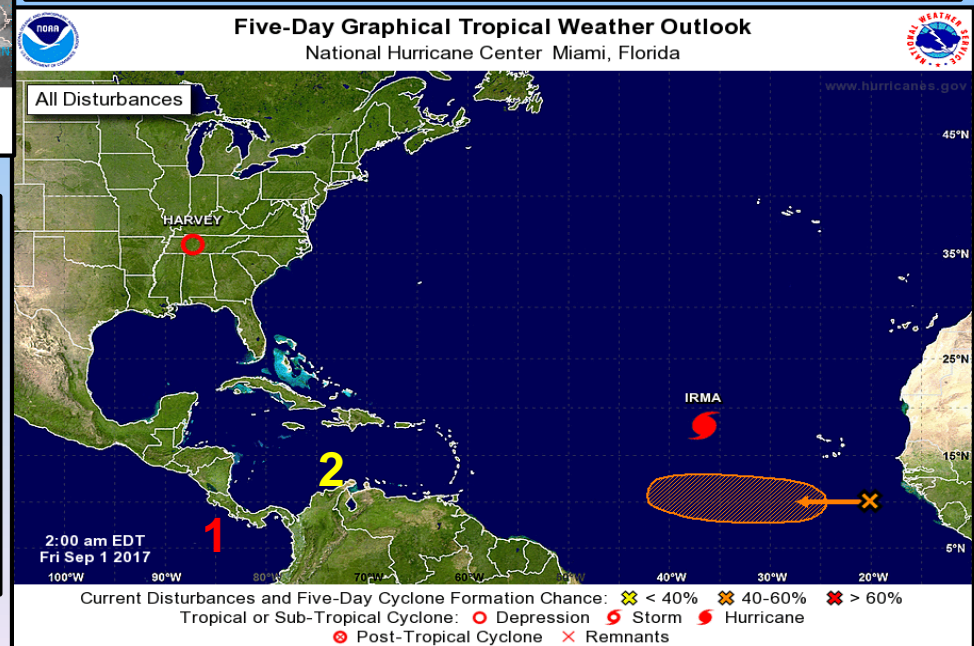


A tropical wave located over the far eastern Atlantic Ocean just off the west coast of Africa is producing disorganized showers and thunderstorms. Environmental conditions are expected to be conducive for development, and this system could become a tropical depression early next week while it moves westward at 15 mph over the tropical Atlantic.

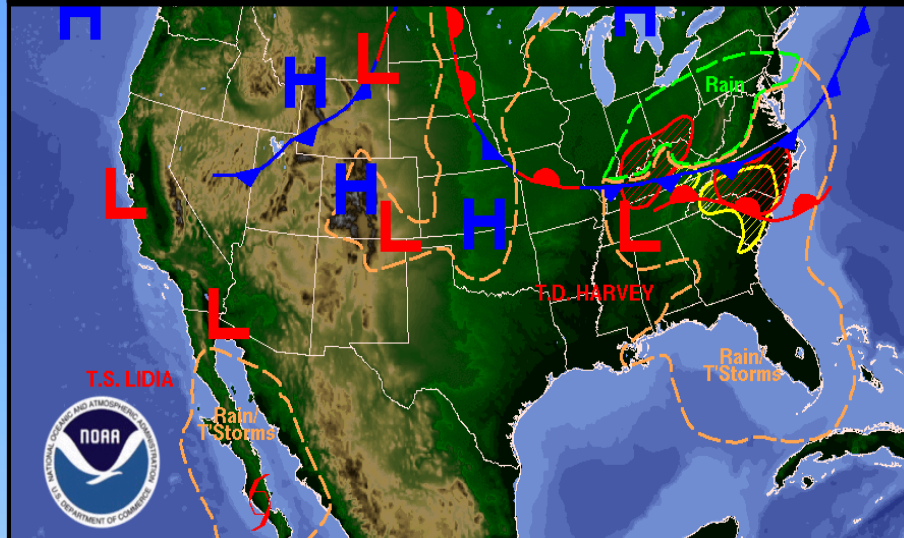
- Formation chance through 48 hours...0%
- Formation chances in the next 5 days....50%

**...Monitoring Hurricane Irma...**

Hurricane Irma was located 840 miles WNW of the Cabo Verde Islands. Irma is moving toward the WNW near 12 mph. A turn toward the west is expected by tonight, followed by a turn toward the west-southwest on Saturday. Maximum sustained winds remain near 115 mph with higher gusts. Irma is a category 3 hurricane. Fluctuations in strength, up or down, are possible during the next few days, but Irma is expected to remain a powerful hurricane through the weekend.



# Today's Weather

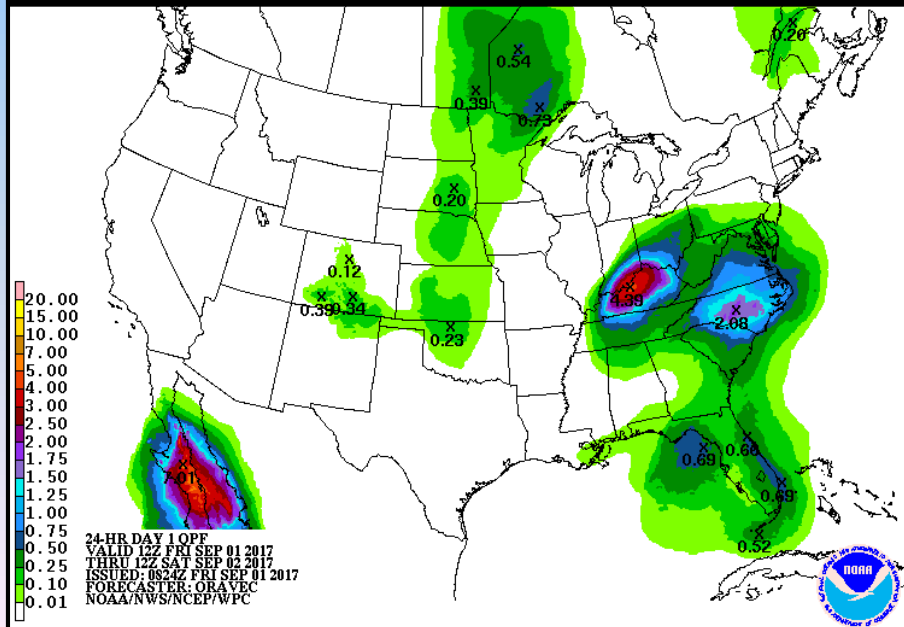


Day 1 National Forecast Chart

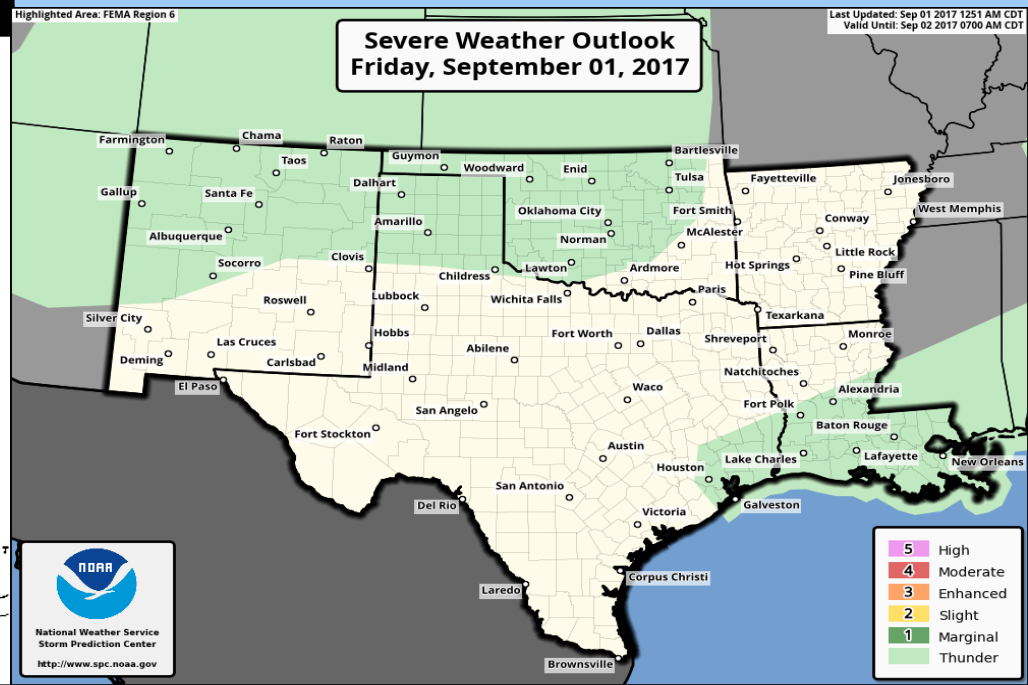
Valid Fri, Sep 01, 2017, issued 6:07 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Campbell with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

Major/Record flooding will continue to affect SE TX today.



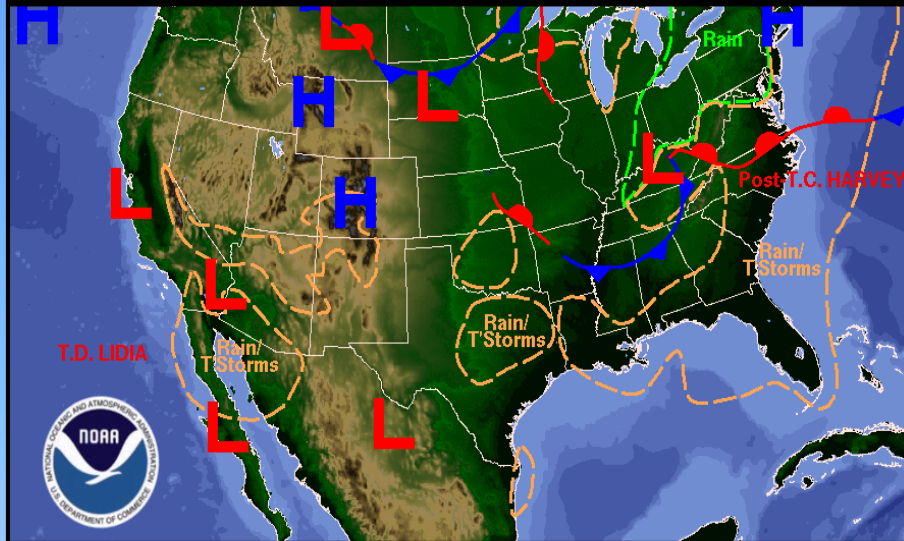
24-HR DAY 1 OPF  
VALID 12Z FRI SEP 01 2017  
THRU 12Z SAT SEP 02 2017  
ISSUED: 06:42Z FRI SEP 01 2017  
FORECASTER: ORA/EC  
NOAA/NWS/NCEP/WPC



Severe Weather Outlook  
Friday, September 01, 2017

Last Updated: Sep 01 2017 12:51 AM CDT  
Valid Until: Sep 02 2017 07:00 AM CDT

# Tomorrow's Weather

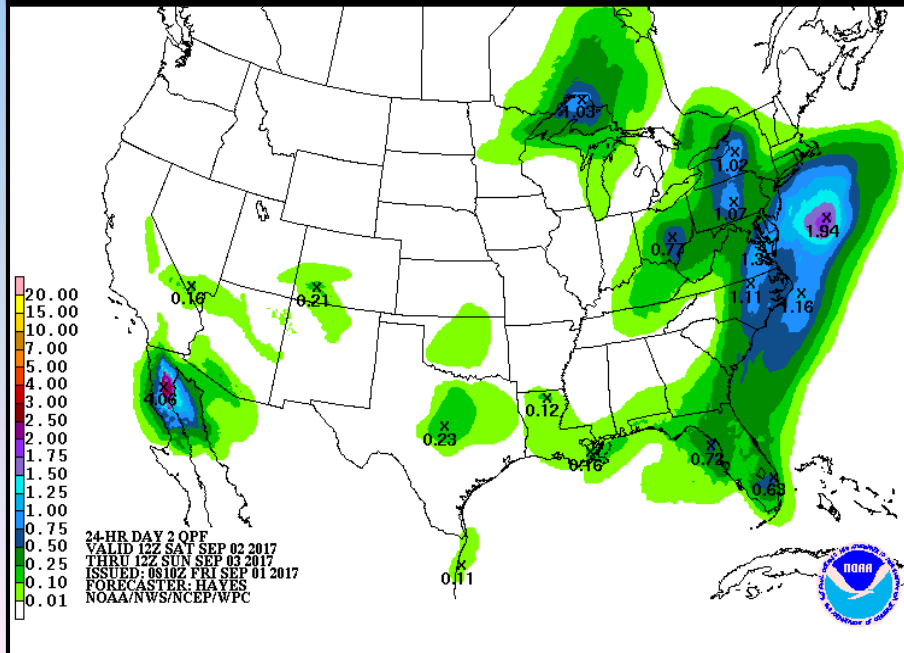


Day 2 National Forecast Chart

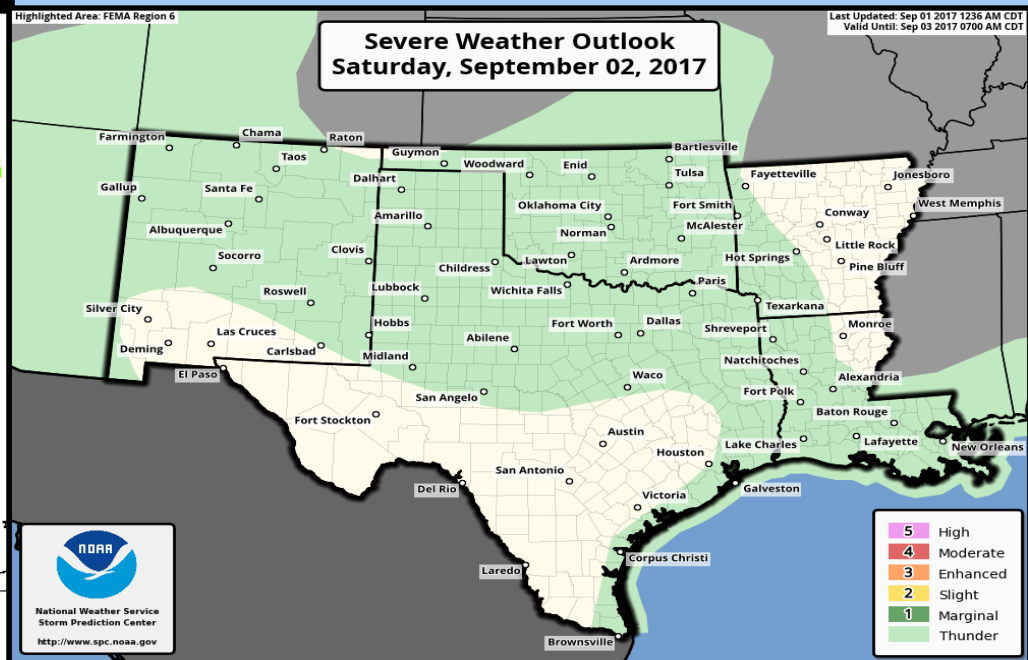
Valid Sat, Sep 02, 2017, issued 6:13 AM EDT Fri, Sep 01, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Campbell with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

Major river flooding expected across SE TX and SW LA



24-HR DAY 2 QPF  
VALID 12Z SAT SEP 02 2017  
THRU 12Z SUN SEP 03 2017  
ISSUED: 0602Z FRI SEP 01 2017  
FORECASTER: HAYES  
NOAA/NWS/NCEP/WPC



Severe Weather Outlook  
Saturday, September 02, 2017

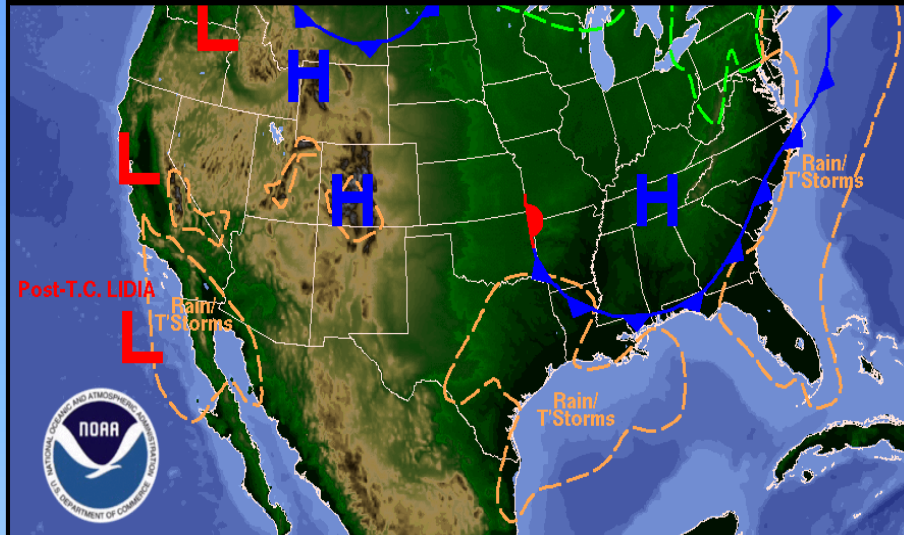
Last Updated: Sep 01 2017 1236 AM CDT  
Valid Until: Sep 03 2017 0700 AM CDT

NOAA  
National Weather Service  
Storm Prediction Center  
<http://www.spc.noaa.gov>

5 High  
4 Moderate  
3 Enhanced  
2 Slight  
1 Marginal  
Thunder



# Sunday's Weather

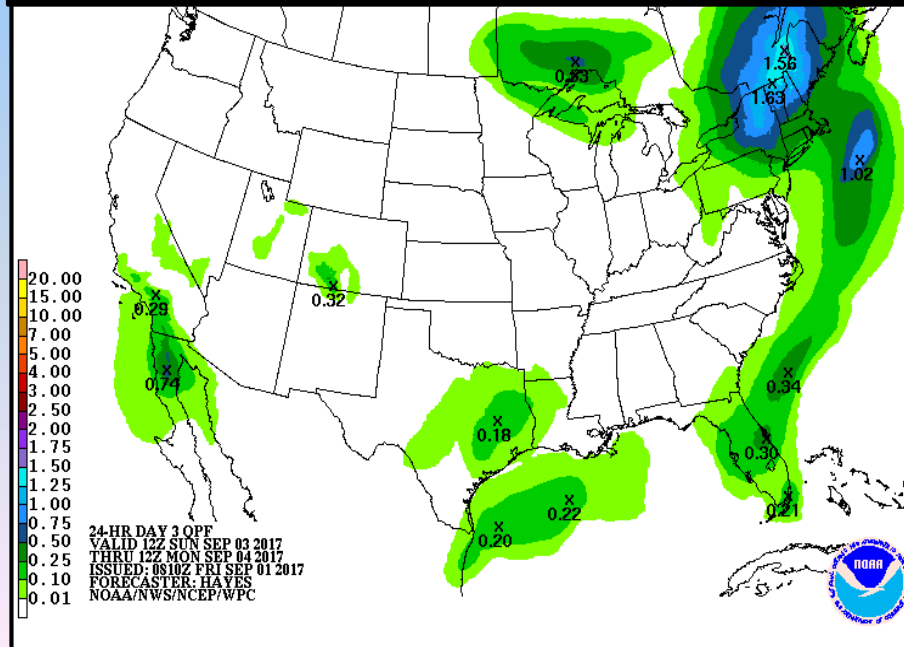


Day 3 National Forecast Chart

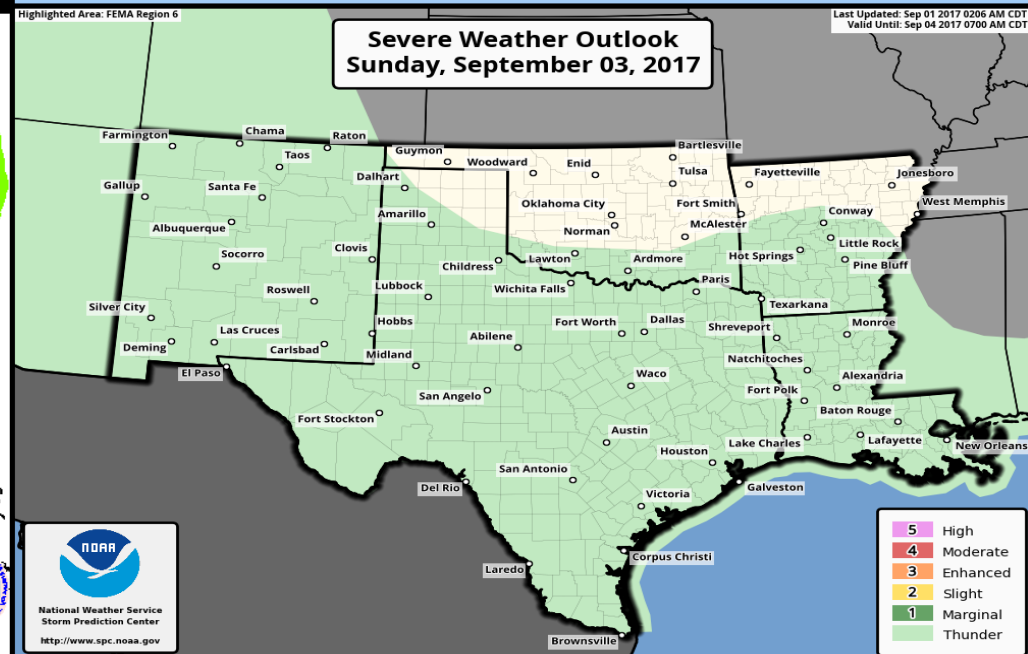
Valid Sun, Sep 03, 2017, issued 7:08 AM EDT Fri, Sep 01, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Campbell with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

Major river flooding will continue across  
southeast TX and southwest LA



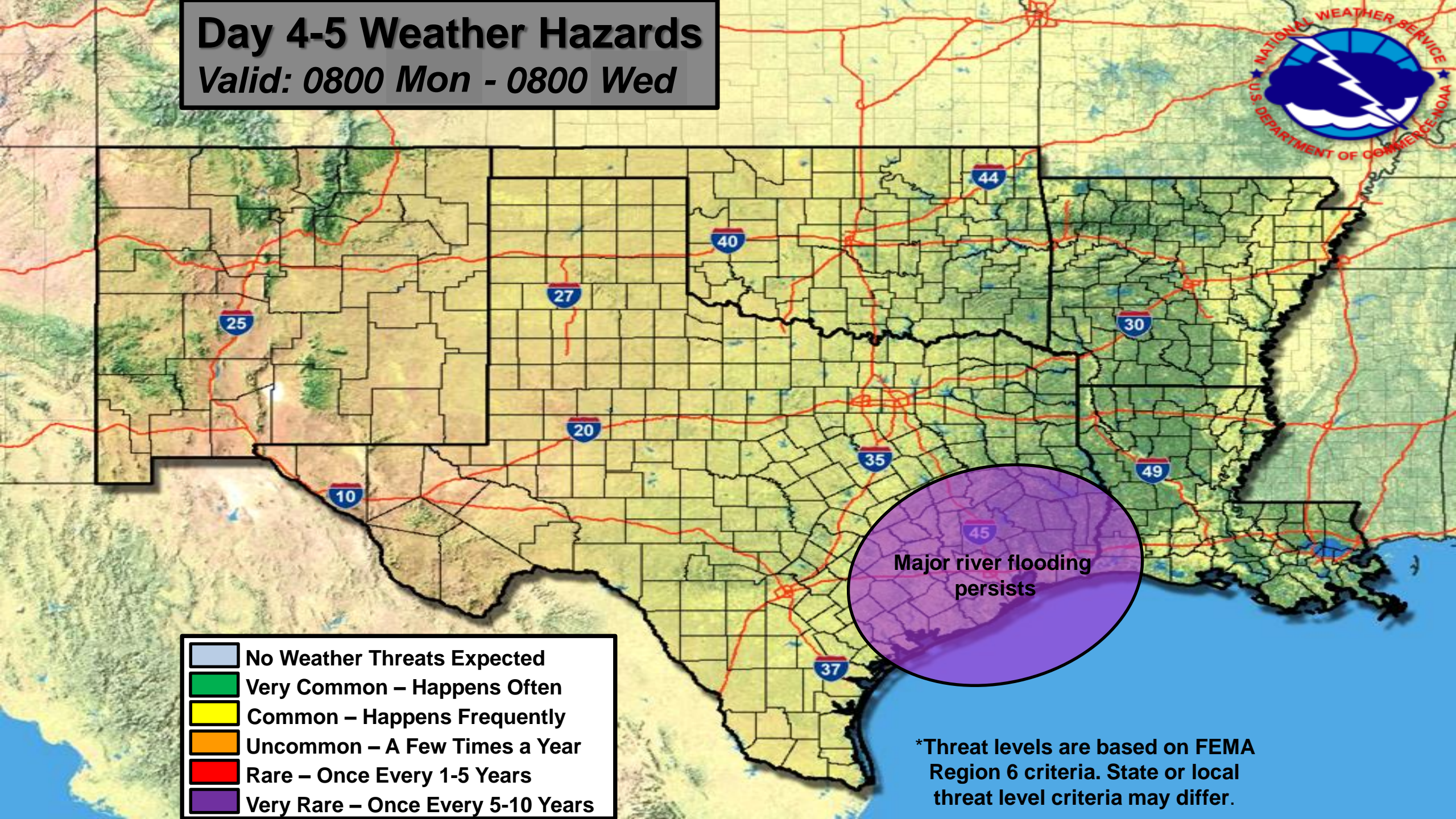
24-HR DAY 3 OFF  
VALID 12Z SUN SEP 03 2017  
THRU 12Z MON SEP 04 2017  
ISSUED: 0810Z FRI SEP 01 2017  
FORECASTER: HAVES  
NOAA/NWS/NCEP/WPC











# Day 4-5 Weather Hazards

*Valid: 0800 Mon - 0800 Wed*



- |   |                                   |
|---|-----------------------------------|
|  | No Weather Threats Expected       |
|  | Very Common – Happens Often       |
|  | Common – Happens Frequently       |
|  | Uncommon – A Few Times a Year     |
|  | Rare – Once Every 1-5 Years       |
|  | Very Rare – Once Every 5-10 Years |

Major river flooding persists

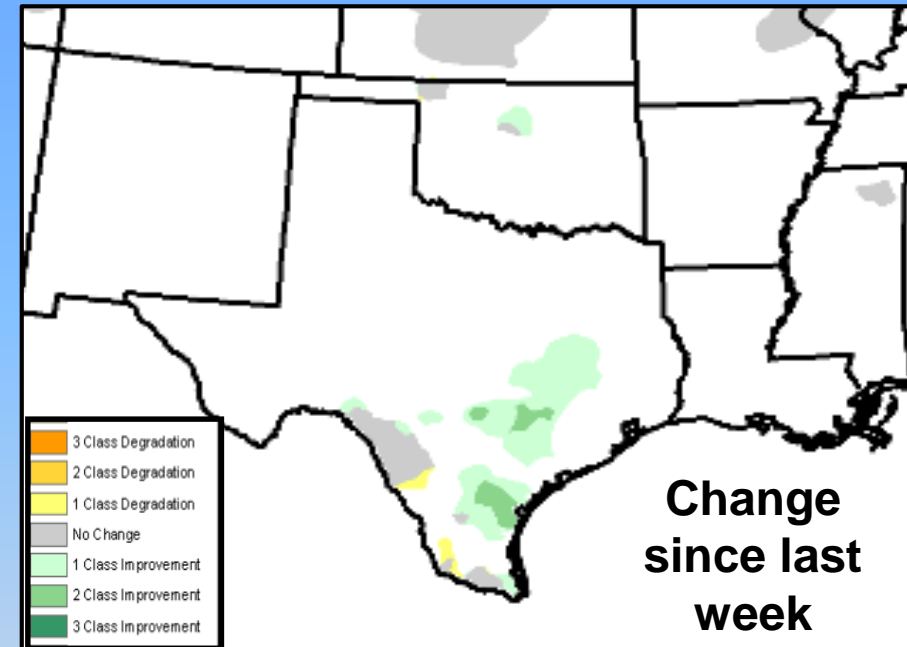
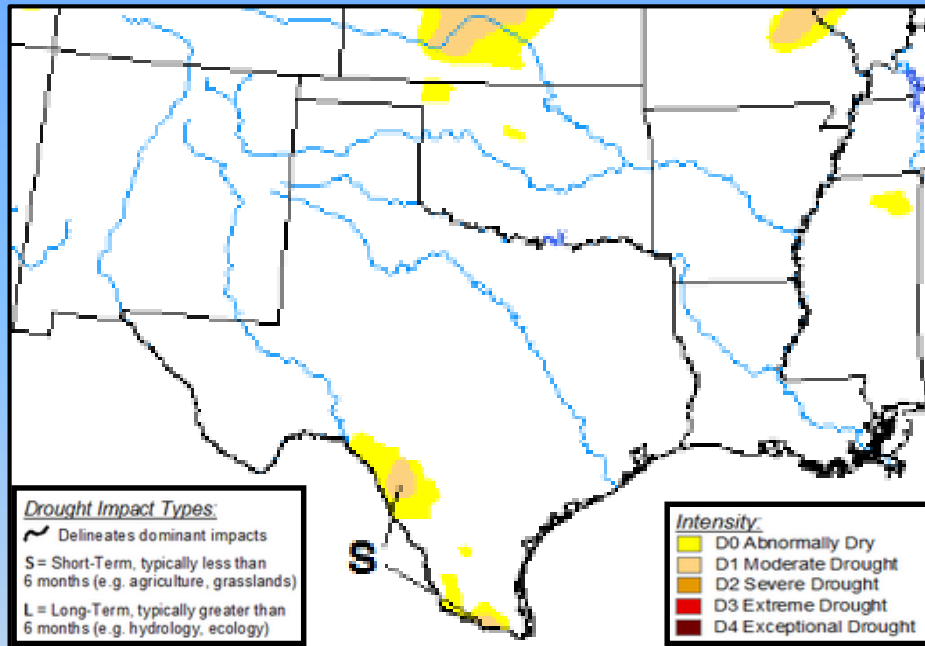
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Drought Monitor Released 31 August, 2017

Data valid as of 7am CDT, Tuesday, August 29, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

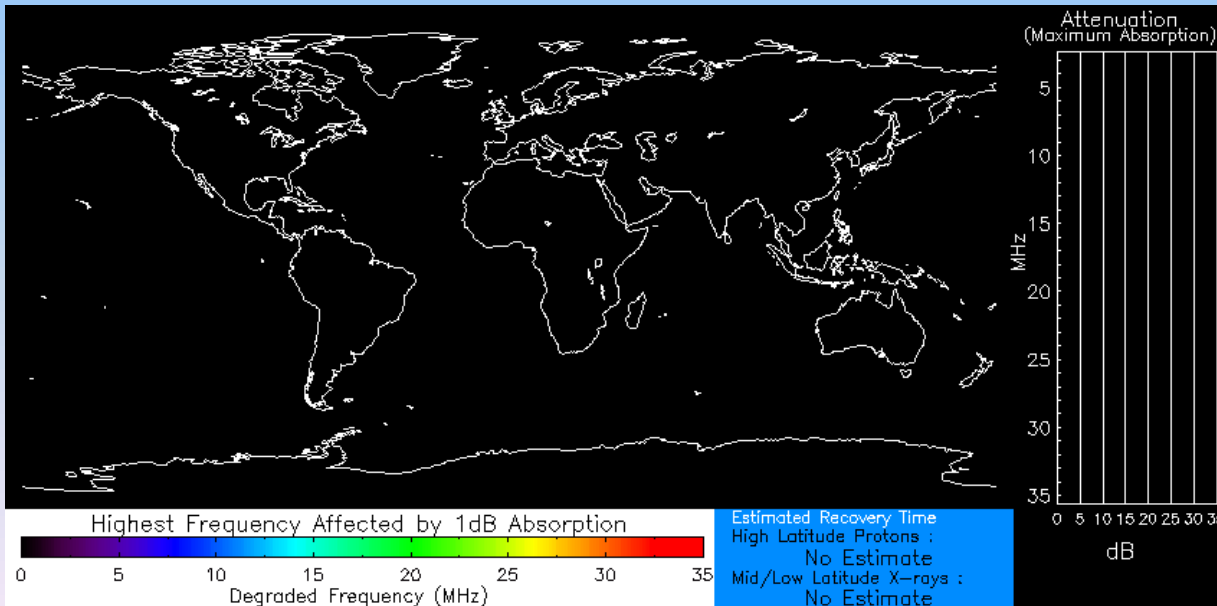
# Space Weather 3-Day Forecast



	Friday	Saturday	Sunday
Geomagnetic Storms	Unsettled (Max Kp = 4)	Quiet (Max Kp = 3)	Quiet (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%

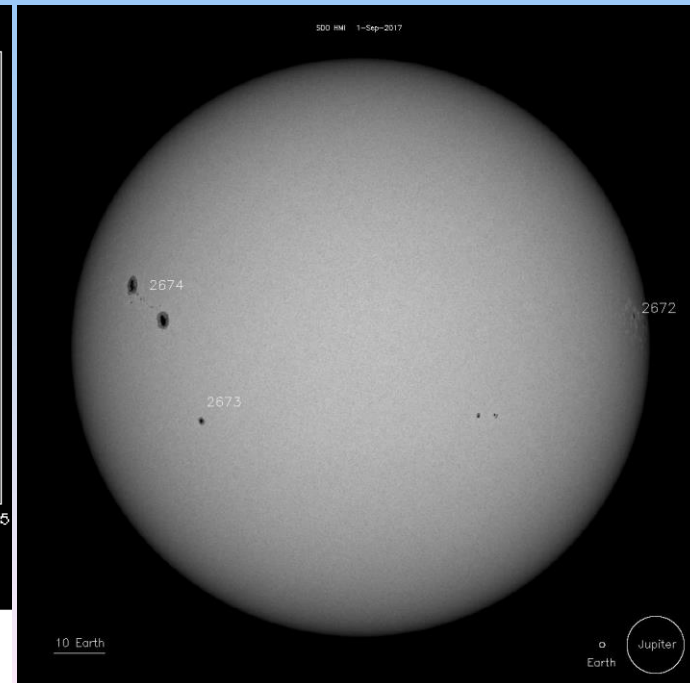
[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background  
Product Valid At : 2017-09-01 11:34 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA



Information provided by:



**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)



The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>